

EDWARDS & ANGELL, LLP
P. O. Box 9169
Boston, Massachusetts 02209

Docket No. 58072 (47137)

JAN 08 2004

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed at 201) below or an original, first and joint inventor (if plural names are listed at 201-208 below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

System and Method for Obtaining and Maintaining High-Resistance Seals in Patch Clamp Recordings, which is described and claimed in:

- [] the specification attached hereto.
- the specification in U.S. Application Serial Number 10/645,834 filed on August 20, 2003.
- [] the specification in PCT international application Number, _____
filed on _____; and was amended on _____.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a). I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign/PCT Applications and Any Priority Claims Under 35 U.S.C. §119:

Application No.	Filing Date	Country	Priority Claimed Under 35 U.S.C. §119?
			[] YES [] NO
			[] YES [] NO
			[] YES [] NO

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below, and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose material information as defined in 37 CFR §1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

Prior U.S. Applications or PCT International Applications Designating the U.S-Benefit Under 35 U.S.C. §120

U.S. Applications		Status (Check One)		
Application Serial No.	U.S. Filing Date	Patented	Pending	Abandoned
PCT Applications Designating the U.S.				
Application No.	Filing Date	U.S. Serial No. Assigned		

**CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S)
(35 U.S.C. §119(e))**

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

Applicant	Provisional Application Number	Filing Date
Owe Owar et al.	60/404,886	August 21, 2002

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) with full powers of association, substitution and revocation to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

David G. Conlin (Reg. No. 27,026)	Christine C. O'Day (Reg. No. 44,368)	(Reg. No. 38,256)	Peter J. Manso (Reg. No. 45,281)	(Reg. No. 32,264)
George W. Neuner (Reg. No. 26,964)	Lisa Swiszcz Hazzard (Reg. No. 27,840)	Dianne M. Rees (Reg. No. 36,984)	John J. Penny, Jr. (Reg. No. 42,639)	(Reg. No. 45,281)
Linda M. Buckley (Reg. No. 31,003)	David A. Tucker (Reg. No. 42,639)	Howard M. Gitten (Reg. No. 48,399)	Howard M. Gitten (Reg. No. 32,138)	(Reg. No. 36,984)
Peter F. Corless (Reg. No. 33,860)	George W. Hartnell, III (Reg. No. 48,399)	J. Mark Konieczny (Reg. No. 47,715)	J. Mark Konieczny (Reg. No. 47,715)	(Reg. No. 32,138)
Peter J. Manus (Reg. No. 26,766)	John B. Alexander (Reg. No. 42,693)	Barry Kramer (Reg. No. 20,622)	Barry Kramer (Reg. No. 20,622)	(Reg. No. 47,715)
Cara Z. Lowen (Reg. No. 38,227)	Steven M. Jensen (Reg. No. 34,901)	George N. Chaclas (Reg. No. 46,608)	George N. Chaclas (Reg. No. 46,608)	(Reg. No. 53,531)
William J. Daley, Jr (Reg. No. 35,487)	Kathryn A. Piffat (Reg. No. 45,053)	Gregory B. Butler (Reg. No. 34,558)	Gregory B. Butler (Reg. No. 34,558)	(Reg. No. 53,531)
Robert L. Buchanan (Reg. No. 40,927)	Richard J. Roos (Reg. No. 36,111)	David J. Silvia (Reg. No. 49,036)	David J. Silvia (Reg. No. 49,036)	(Reg. No. 34,558)
Scott D. Wofsy (Reg. No. 35,413)	Daniel F. Coughlin (Reg. No. 49,036)			(Reg. No. 20,622)
Richard H. Newman (Reg. No. 41,222)				(Reg. No. 46,608)

SEND CORRESPONDENCE TO:

Dianne M. Rees, Ph.D.
Edwards & Angell, LLP
P. O. Box 9169
Boston, Massachusetts 02209

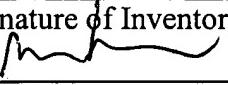
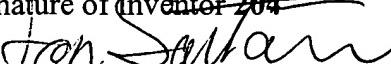
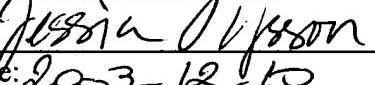
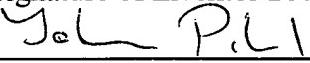
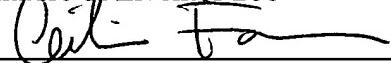
DIRECT TELEPHONE CALLS TO:

Dianne M. Rees, Ph.D.
(617)951-3351

2 0 1	FULL NAME OF INVENTOR Karlsson	LAST NAME Karlsson	FIRST NAME Mattias	MIDDLE NAME
	RESIDENCE & CITIZENSHIP Göteborg	CITY Göteborg	STATE OR FOREIGN COUNTRY Sweden	COUNTRY OF CITIZENSHIP Sweden
	POST OFFICE ADDRESS Kaptensgatan 25, 41458	POST OFFICE ADDRESS Kaptensgatan 25, 41458	CITY Göteborg	STATE OR COUNTRY AND ZIP CODE Sweden
2 0 2	FULL NAME OF INVENTOR Orwar	LAST NAME Orwar	FIRST NAME Owe	MIDDLE NAME
2 0 2	RESIDENCE & CITIZENSHIP Hovås	CITY Hovås	STATE OR FOREIGN COUNTRY Sweden	COUNTRY OF CITIZENSHIP Sweden
	POST OFFICE ADDRESS Askims kyrkväg 6, 431 56	POST OFFICE ADDRESS Askims kyrkväg 6, 431 56	CITY Hovås	STATE OR COUNTRY AND ZIP CODE Sweden
2 0 3	FULL NAME OF INVENTOR Chiu	LAST NAME Chiu	FIRST NAME Daniel	MIDDLE NAME T.
2 0 3	RESIDENCE & CITIZENSHIP Seattle	CITY Seattle	STATE OR FOREIGN COUNTRY WA	COUNTRY OF CITIZENSHIP Canada
	POST OFFICE ADDRESS 7009 40th NE	POST OFFICE ADDRESS 7009 40th NE	CITY Seattle	STATE OR COUNTRY AND ZIP CODE WA 98115
2 0 4	FULL NAME OF INVENTOR Sinclair	LAST NAME Sinclair	FIRST NAME Jon	MIDDLE NAME
2 0 4	RESIDENCE & CITIZENSHIP Göteborg	CITY Göteborg	STATE OR FOREIGN COUNTRY Sweden	COUNTRY OF CITIZENSHIP Sweden
	POST OFFICE ADDRESS Åvägen 37 H, 41669	POST OFFICE ADDRESS Åvägen 37 H, 41669	CITY Göteborg	STATE OR COUNTRY AND ZIP CODE Sweden
2 0 5	FULL NAME OF INVENTOR Jardemark	LAST NAME Jardemark	FIRST NAME Kent	MIDDLE NAME
2 0 5	RESIDENCE & CITIZENSHIP Goteborg	CITY Goteborg	STATE OR FOREIGN COUNTRY SWEDEN	COUNTRY OF CITIZENSHIP SWEDEN
	POST OFFICE ADDRESS Fabriksgatan 7, 412 50	POST OFFICE ADDRESS Fabriksgatan 7, 412 50	CITY Goteborg	STATE OR COUNTRY AND ZIP CODE SWEDEN
2 0 6	FULL NAME OF INVENTOR Olofsson	LAST NAME Olofsson	FIRST NAME Jessica	MIDDLE NAME
2 0 6	RESIDENCE & CITIZENSHIP Goteborg	CITY Goteborg	STATE OR FOREIGN COUNTRY SWEDEN	COUNTRY OF CITIZENSHIP SWEDEN
	POST OFFICE ADDRESS Kommendorsgatan 19E, 414 59	POST OFFICE ADDRESS Kommendorsgatan 19E, 414 59	CITY Goteborg	STATE OR COUNTRY AND ZIP CODE SWEDEN
2 0 7	FULL NAME OF INVENTOR Pihl	LAST NAME Pihl	FIRST NAME Johan	MIDDLE NAME
2 0 7	RESIDENCE & CITIZENSHIP Goteborg	CITY Goteborg	STATE OR FOREIGN COUNTRY SWEDEN	COUNTRY OF CITIZENSHIP SWEDEN
	POST OFFICE ADDRESS Siriusgatan 82, 415 22	POST OFFICE ADDRESS Siriusgatan 82, 415 22	CITY Goteborg	STATE OR COUNTRY AND ZIP CODE SWEDEN

2 0 8	FULL NAME OF INVENTOR	LAST NAME Farre	FIRST NAME Cecilia	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY Vastra Frolulnda	STATE OR FOREIGN COUNTRY SWEDEN	COUNTRY OF CITIZENSHIP SWEDEN
	POST OFFICE ADDRESS	POST OFFICE ADDRESS 11 Svangrumgatan	CITY Vastra Frolulnda	STATE OR COUNTRY AND ZIP CODE SWEDEN 42135
2 0 9	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY AND ZIP CODE
2 0 10	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY AND ZIP CODE

I hereby further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Signature of Inventor 201 	Signature of Inventor 202 
Date: 2003-12-12	Date: 2003-12-12
Signature of Inventor 203	Signature of Inventor 204 
Date: 2003-12-10	Date: 2003-12-10
Signature of Inventor 205 	Signature of Inventor 206 
Date: 2003-12-16	Date: 2003-12-10
Signature of Inventor 207 	Signature of Inventor 208 
Date: 2003-12-10	Date: 2003-12-10

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PATENT & TRADEMARK OFFICE
U.S. DEPARTMENT OF COMMERCE

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Prior Foreign/PCT Applications and Any Priority Claims Under 35 U.S.C. §119:

Application No.	Filing Date	Country	Priority Claimed Under 35 U.S.C. §119?
			[] YES [] NO
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Prior U.S. Applications or PCT International Applications Designating the U.S.-Benefit Under 35 U.S.C. §120

U.S. Applications		Status (Check One)		
Application Serial No.	U.S. Filing Date	Patented	Pending	Abandoned
PCT Applications Designating the U.S.				
Application No.	Filing Date	U.S. Serial No. Assigned		

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(35 U.S.C. §119(e))**

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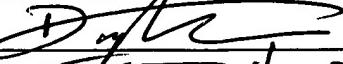
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William J. Daley, Jr (Reg. No. 35,487)	Kathryn A. Piffat (Reg. No. 45,053)			(Reg. No. 34,558)
Robert L. Buchanan (Reg. No. 40,927)	Richard J. Roos (Reg. No. 36,111)			(Reg. No. 20,622)
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Richard H. Newman (Reg. No. 41,222)	David J. Silvia (Reg. No. 49,036)			

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2 0 1	FULL NAME OF INVENTOR RESIDENCE & CITIZENSHIP POST OFFICE ADDRESS	LAST NAME Karlsson CITY Göteborg POST OFFICE ADDRESS Kaptensgatan 25, 41458	FIRST NAME Mattias STATE OR FOREIGN COUNTRY Sweden CITY Göteborg	MIDDLE NAME COUNTRY OF CITIZENSHIP Sweden STATE OR COUNTRY AND ZIP CODE Sweden
2 0 2	FULL NAME OF INVENTOR RESIDENCE & CITIZENSHIP POST OFFICE ADDRESS	LAST NAME Orwar CITY Hovås POST OFFICE ADDRESS Askims kyrkväg 6, 431 56	FIRST NAME Owe STATE OR FOREIGN COUNTRY Sweden CITY Hovås	MIDDLE NAME COUNTRY OF CITIZENSHIP Sweden STATE OR COUNTRY AND ZIP CODE Sweden
2 0 3	FULL NAME OF INVENTOR RESIDENCE & CITIZENSHIP POST OFFICE ADDRESS	LAST NAME Chiu CITY Seattle POST OFFICE ADDRESS 7009 40 th NE	FIRST NAME Daniel STATE OR FOREIGN COUNTRY WA CITY Seattle	MIDDLE NAME T. COUNTRY OF CITIZENSHIP Canada STATE OR COUNTRY AND ZIP CODE WA 98115
2 0 4	FULL NAME OF INVENTOR RESIDENCE & CITIZENSHIP POST OFFICE ADDRESS	LAST NAME Sinclair CITY Göteborg POST OFFICE ADDRESS Ånäsvägen 37 H, 41669	FIRST NAME Jon STATE OR FOREIGN COUNTRY Sweden CITY Göteborg	MIDDLE NAME COUNTRY OF CITIZENSHIP Sweden STATE OR COUNTRY AND ZIP CODE Sweden
2 0 5	FULL NAME OF INVENTOR RESIDENCE & CITIZENSHIP POST OFFICE ADDRESS	LAST NAME Jardemark CITY Goteborg POST OFFICE ADDRESS Fabriksgatan 7, 412 50	FIRST NAME Kent STATE OR FOREIGN COUNTRY SWEDEN CITY Goteborg	MIDDLE NAME COUNTRY OF CITIZENSHIP SWEDEN STATE OR COUNTRY AND ZIP CODE SWEDEN
2 0 6	FULL NAME OF INVENTOR RESIDENCE & CITIZENSHIP POST OFFICE ADDRESS	LAST NAME Olofsson CITY Goteborg POST OFFICE ADDRESS Kommendorsgatan 19E, 414 59	FIRST NAME Jessica STATE OR FOREIGN COUNTRY SWEDEN CITY Goteborg	MIDDLE NAME COUNTRY OF CITIZENSHIP SWEDEN STATE OR COUNTRY AND ZIP CODE SWEDEN
2 0 7	FULL NAME OF INVENTOR RESIDENCE & CITIZENSHIP POST OFFICE ADDRESS	LAST NAME Pihl CITY Goteborg POST OFFICE ADDRESS Siriusgatan 82, 415 22	FIRST NAME Johan STATE OR FOREIGN COUNTRY SWEDEN CITY Goteborg	MIDDLE NAME COUNTRY OF CITIZENSHIP SWEDEN STATE OR COUNTRY AND ZIP CODE SWEDEN

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Signature of Inventor 201	Signature of Inventor 202
Date:	Date:
Signature of Inventor 203 	Signature of Inventor 204
Date: <u>Nov 25, 2003</u>	Date:
Signature of Inventor 205	Signature of Inventor 206
Date:	Date:
Signature of Inventor 207	Signature of Inventor 208
Date:	Date:

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